

Fig 1

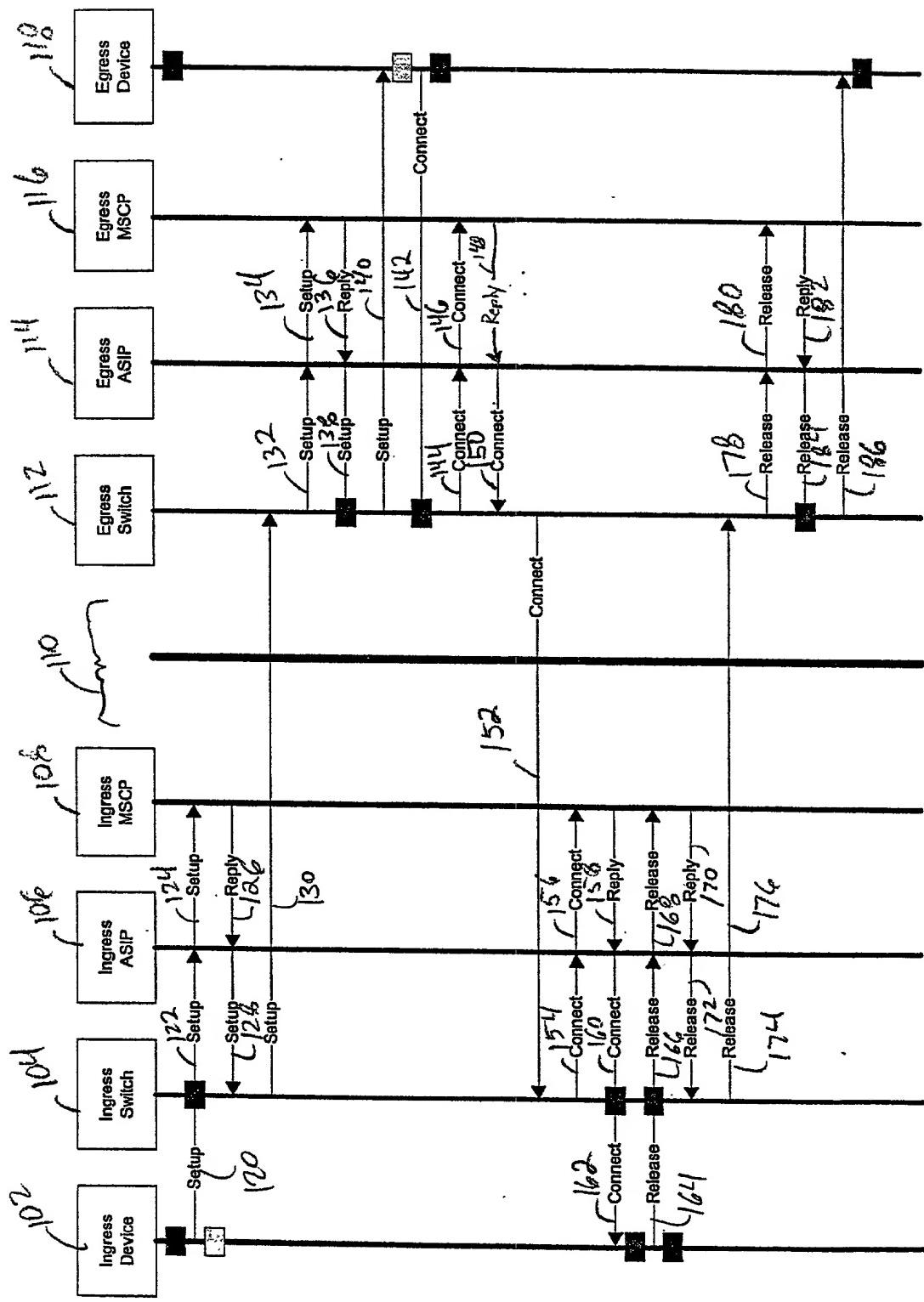


Fig 2

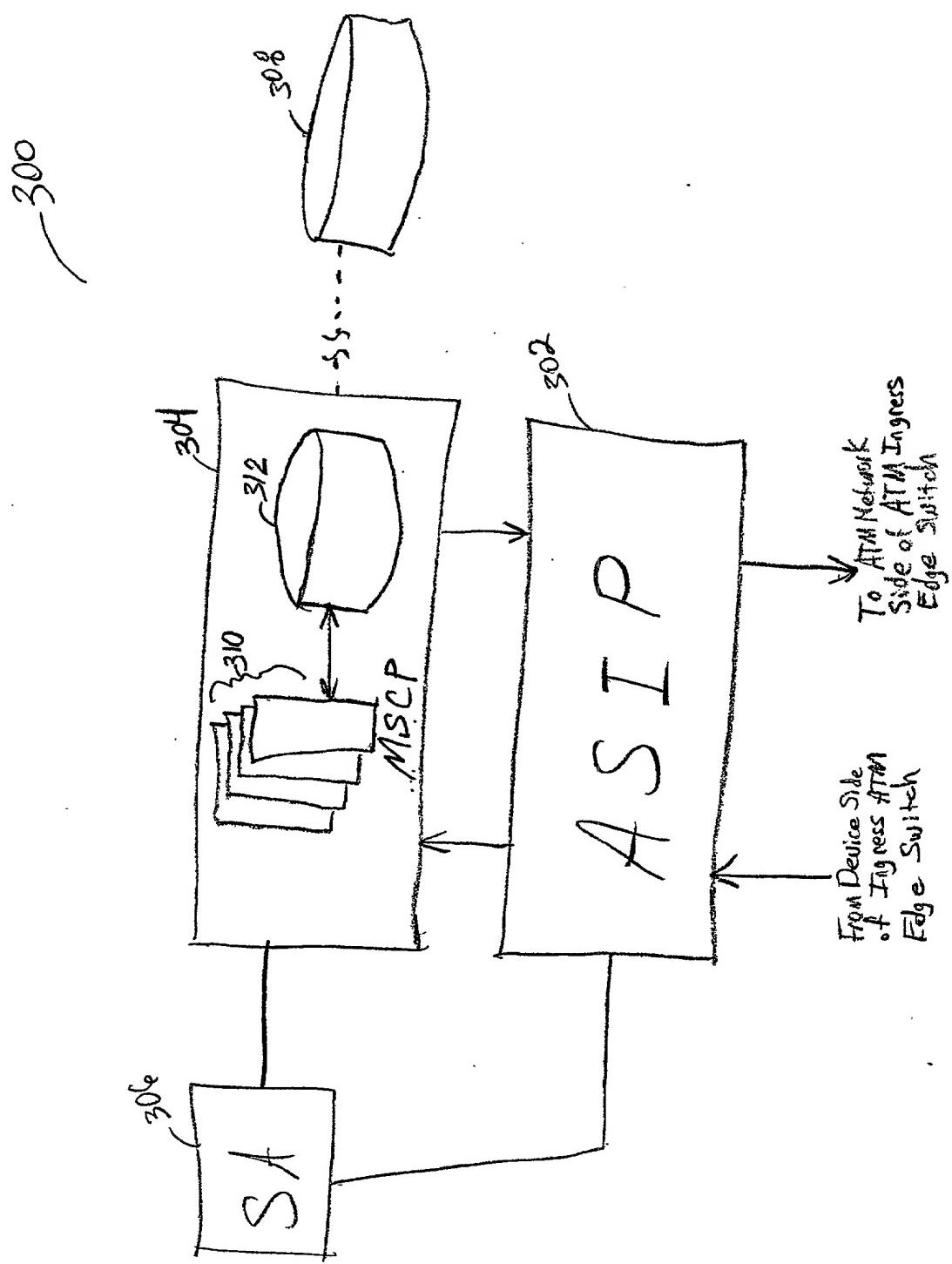


FIG 3

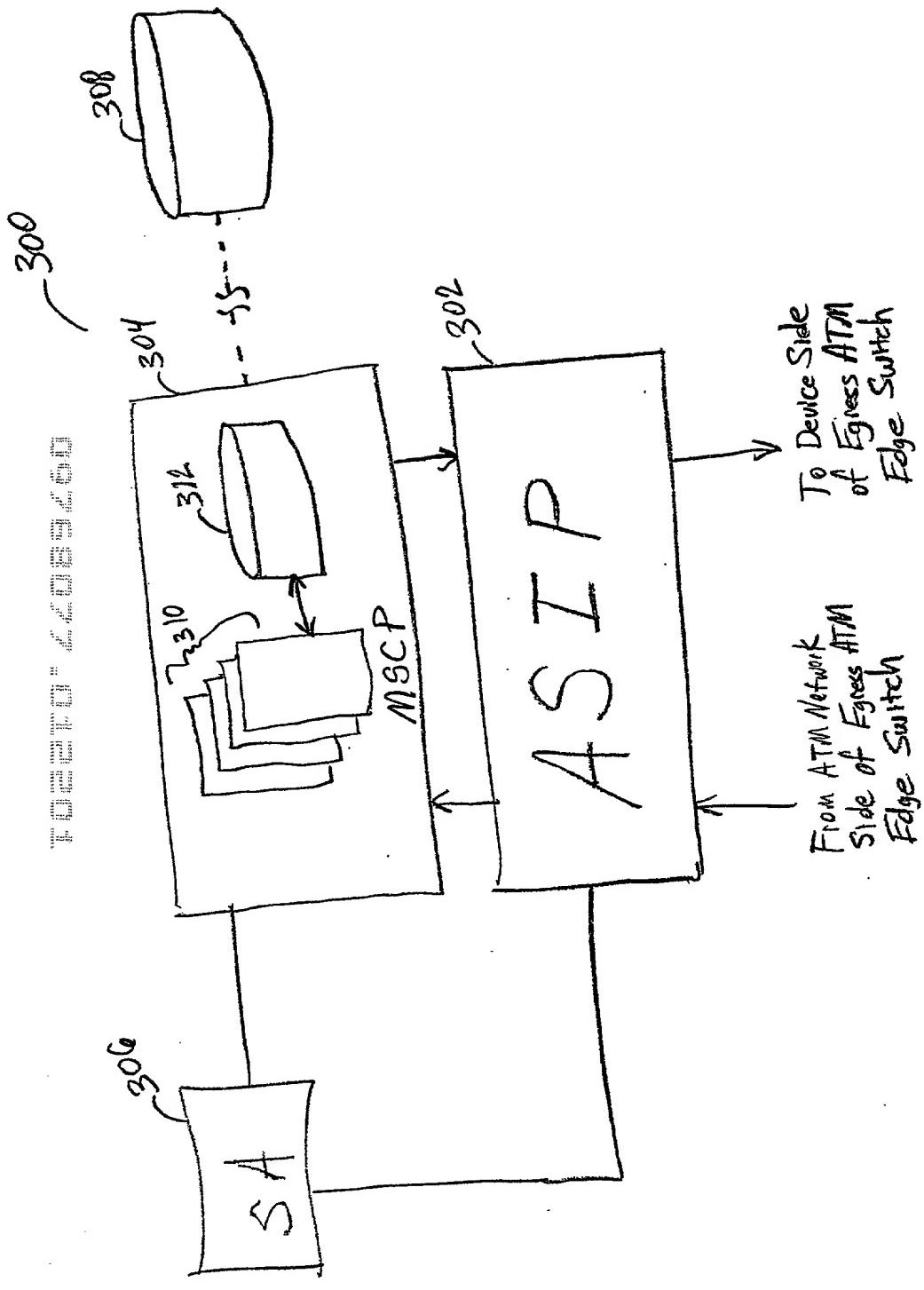


FIG 4

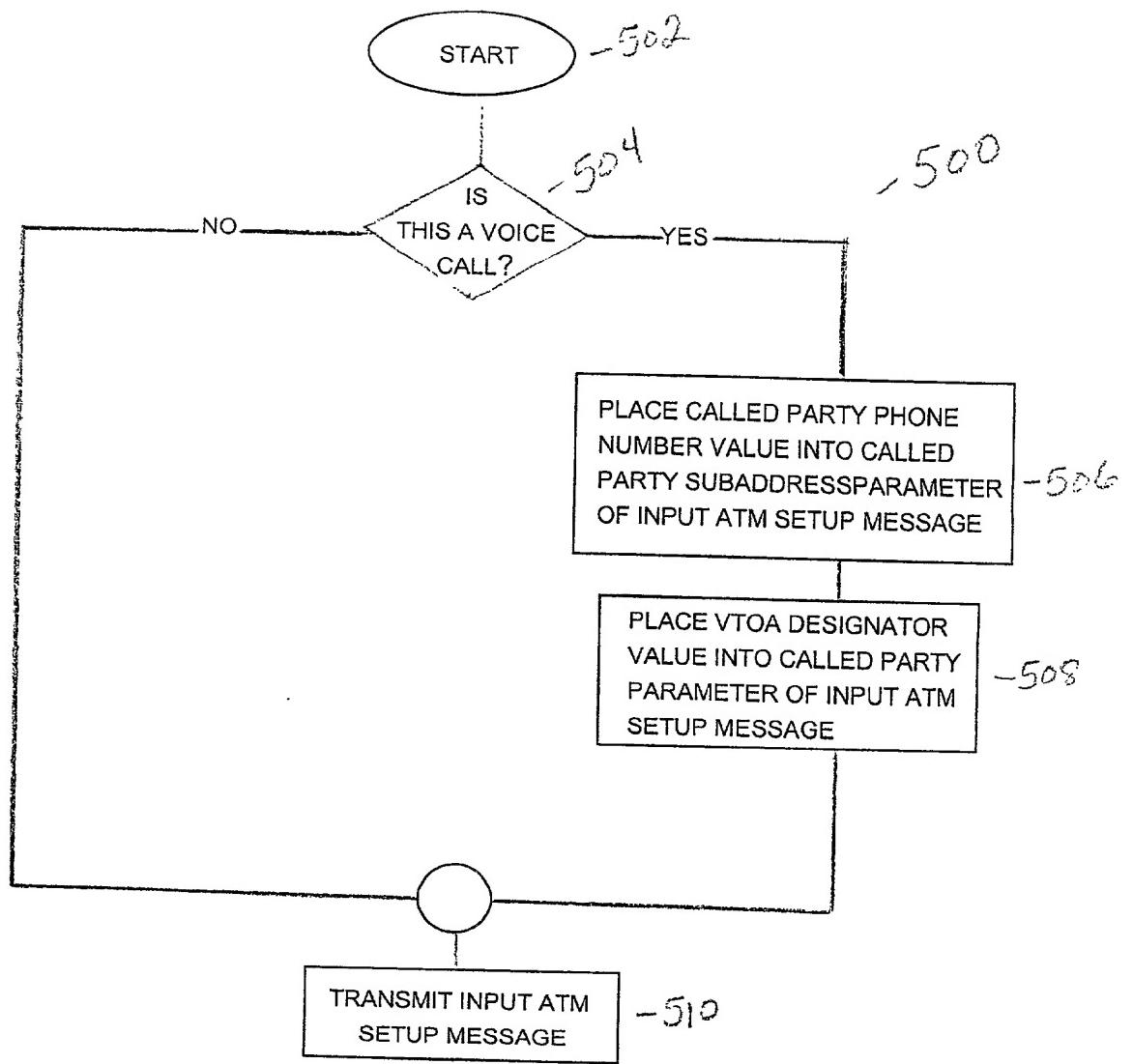


FIGURE 5

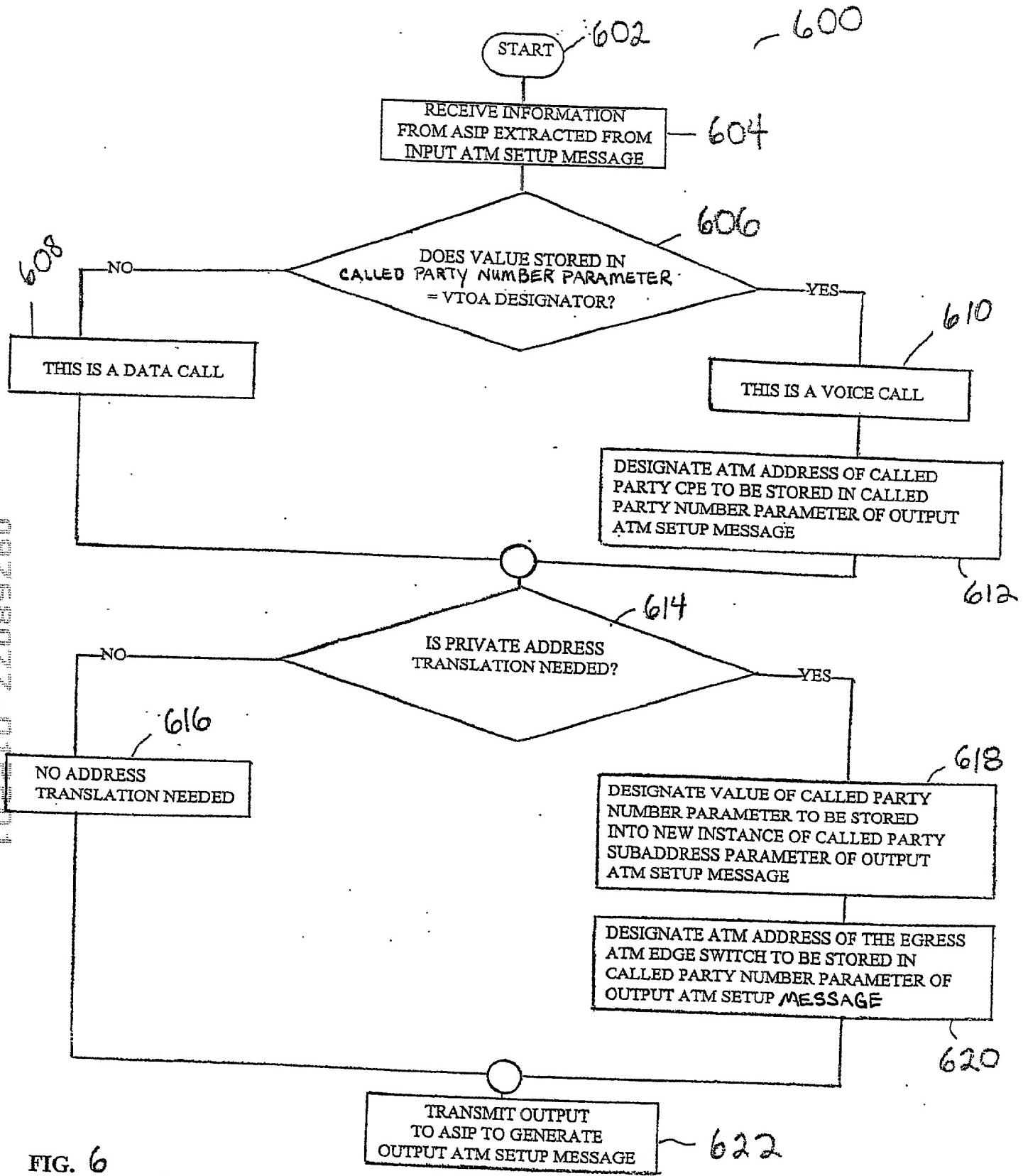
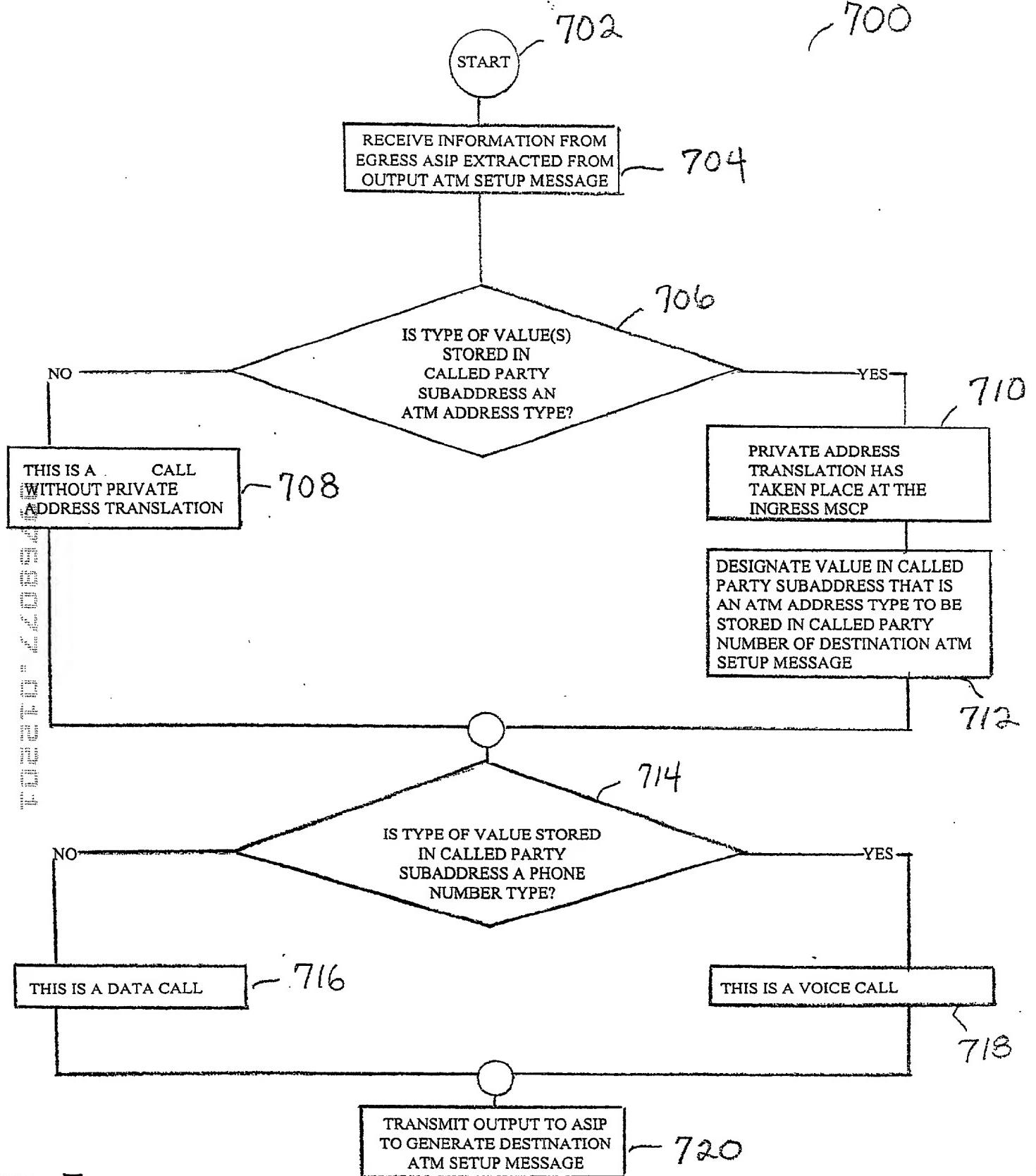


FIG. 6



800

START ~802

RECEIVE REQUEST AT CALLING PARTY CPE TO MAKE VTOA CALL THAT INCLUDES A CALLED PARTY PHONE NUMBER VALUE -804

GENERATE INPUT ATM SETUP MESSAGE AT CALLING PARTY CPE THAT INCLUDES VTOA DESIGNATOR STORED IN A FIRST PARAMETER AND CALLED PARTY PHONE NUMBER VALUE STORED IN A SECOND PARAMETER OF INPUT ATM SETUP MESSAGE -806

RECEIVE INPUT ATM SETUP MESSAGE AT INGRESS ATM EDGE SWITCH -808

INTERCEPT INPUT ATM SETUP MESSAGE FROM INGRESS ATM EDGE SWITCH -810

EXTRACT INFORMATION FROM THE INPUT ATM SETUP MESSAGE THAT INCLUDES VTOA DESIGNATOR AND CALLED PARTY PHONE NUMBER -812

ANALYZE INFORMATION TO DETERMINE IF VTOA DESIGNATOR IS PRESENT -814

DESIGNATE ATM ADDRESS OF CALLED PARTY CPE TO BE STORED IN FIRST PARAMETER OF OUTPUT ATM SETUP MESSAGE -816

DETERMINE IF PRIVATE ADDRESS TRANSLATION IS NEEDED -818

DESIGNATE ATM ADDRESS OF CALLED PARTY CPE TO BE STORED IN SECOND PARAMETER OF THE OUTPUT ATM SETUP MESSAGE -820

DESIGNATE ATM ADDRESS OF EGRESS ATM EDGE SWITCH TO BE STORED IN FIRST PARAMETER OF OUTPUT ATM SETUP MESSAGE -822

GENERATE OUTPUT ATM SETUP MESSAGE THAT INCLUDES: (i) ATM ADDRESS OF EGRESS ATM EDGE SWITCH STORED IN FIRST PARAMETER; (ii) ATM ADDRESS OF CALLED CPE STORED IN FIRST INSTANCE OF SECOND PARAMETER; (iii) CALLED PARTY PHONE NUMBER STORED IN SECOND INSTANCE OF SECOND PARAMETER -824

(A)

FIG. 8a

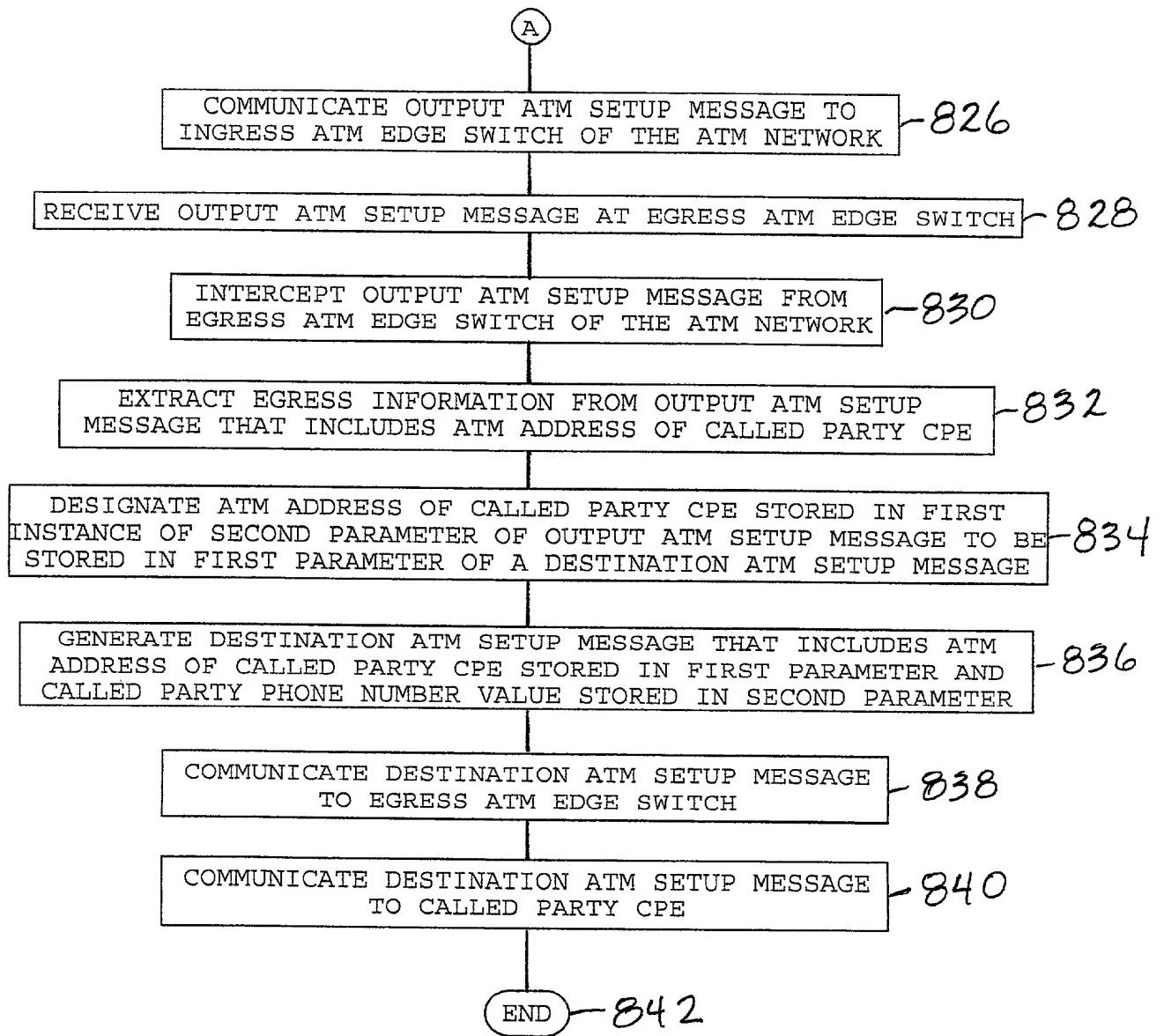


FIG. 8b

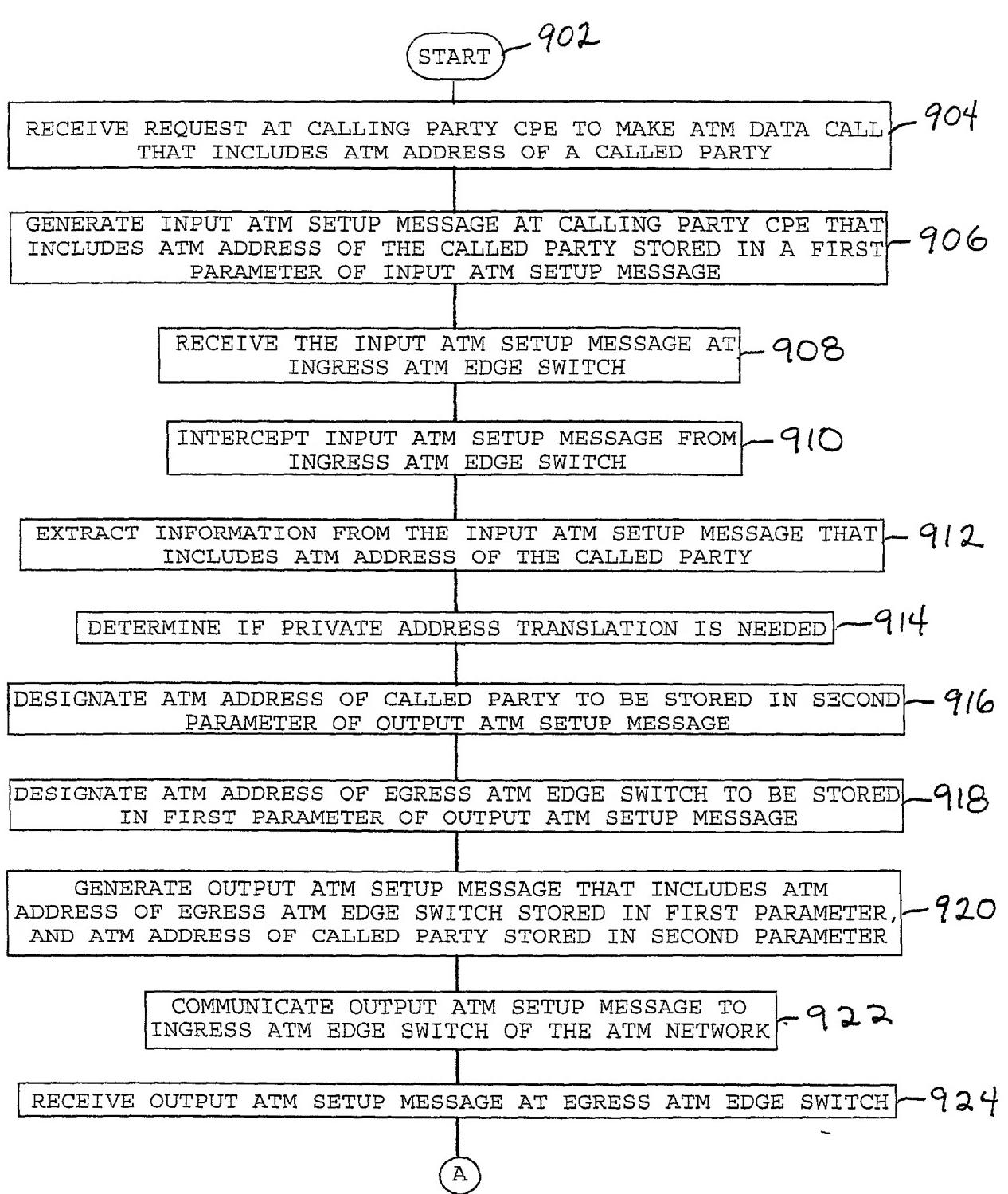


FIG. 9a

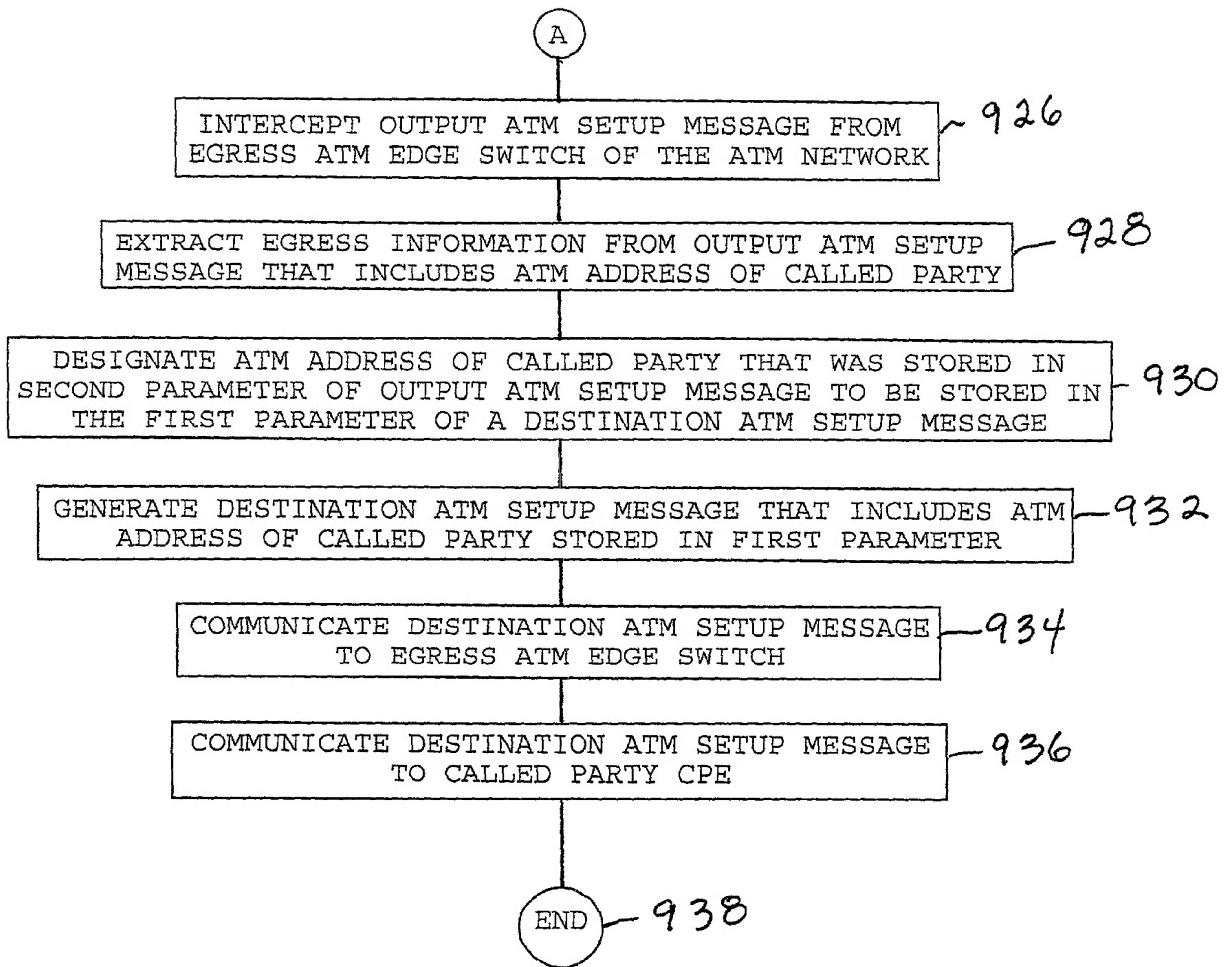


FIG. 9b